



**Clean Michigan Initiative
Clean Water Fund Grant**

Tracking code 2002-0218



Washtenaw County

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Illicit Connection Elimination in Swift Run Creekshed

June 8, 2004, through December 31, 2007

Swift Run is a five-square-mile urban creekshed located mainly within the City of Ann Arbor and Pittsfield Township. The creek discharges to South Pond, then to the Huron River. Swift Run is in the contributing basin of Geddes Pond, a water body located on the Huron River. Geddes Pond has a Total Maximum Daily Load (TMDL) established for *E. coli*. Sampling performed during dry weather suggests the presence of illicit discharges in the Swift Run basin. The TMDL goal establishes a mean monthly average of 130 colony forming units/100 ml. This project implemented an Illicit Discharge Elimination Plan (IDEP) to detect and correct non-storm water discharges, including bacteria and pathogens.



Grant Amount: \$ 57,900

Match Funds: \$ 19,500

Total Amount: \$ 77,400

Best Management Practices:

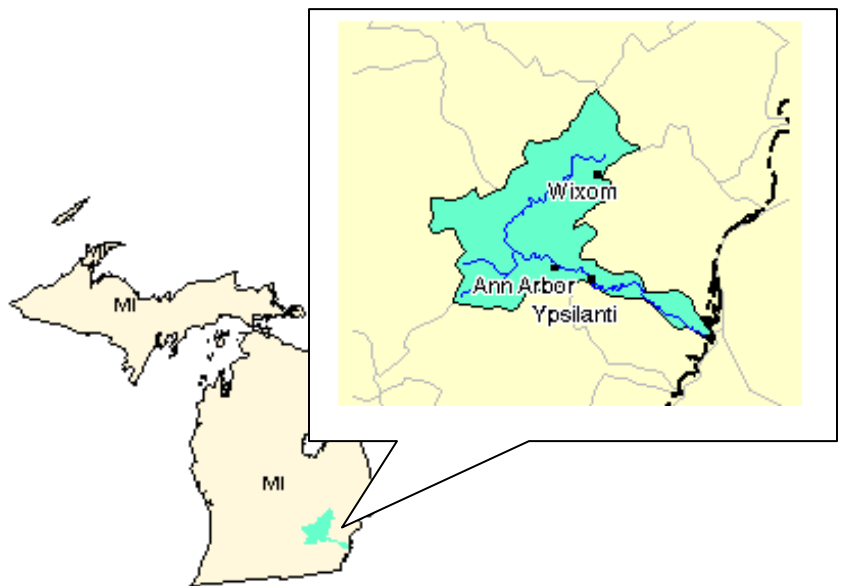
Rerouting sanitary waste from storm sewer to sanitary (2)

Project Accomplishments:

- 100+ manholes, waterways and outfalls sampled
- 10 sub-watersheds investigated
- Video inspection of 2 sub-watersheds

Annual Load Reductions:

- 2.13×10^2 colony forming units annually



Partners Involved:

- City of Ann Arbor
- Pittsfield Township



Sanitary lead from individual residence. The lead pipe (in the foreground) crosses through the storm sewer enroute to the sanitary main on other side. Such crossings are common and not always a source of contamination.



Minimal flow in dry weather.



Raccoon inhabiting manhole structure.



Positive Dye-test.